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## KOREAN PATENT ABSTRACTS

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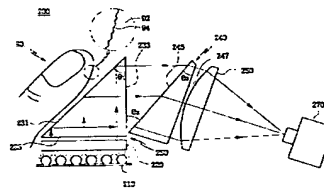
(71)Applicant: CECROP CO., LTD.  
 (72)Inventor: LEE, GI DEOK

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(54) DEVICE FOR OPTICALLY INPUTTING FINGERPRINT

(57) Abstract:

PURPOSE: A device for optically inputting a fingerprint is provided to quickly obtain a distinct fingerprint image by minimizing an image distortion through a dual prism method. CONSTITUTION: A light source(210) illuminates a fingerprint part of the finger(90). A diffusing panel(220) diffuses the light from the light source. The first prism(230) reflects the light diffused/entered from the diffusing panel to a predetermined angle. The second prism(240) compensates the distorted part caused by distortion to an actual shape while reflecting the light reflected from the first prism to the predetermined angle again. A lens(250) forms the fingerprint image contacted to a fingerprint input surface(231) of the first prism. An image detecting camera(270) detects the fingerprint image formed on the lens.



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## Legal Status

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